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(54) Phosphinyloxy propanaminium inner salt derivatives.

(57) The invention concerns the compounds of formula (I)

$$X_1$$
 CH_2 — COOH

 R_1 — O — P — O — CH $X_2^ CH_2$ — $N^+R_2R_3R_4$ (I)

where

the substituents have various meanings, in free acid form or in salt, physiologically hydrolysable ester or pro-drug form.

They can be prepared by various procedures, e.g. coupling accompanied by oxidation or thiolation and hydrolysis or thiolysis, or by reduction to amino of a nitro substituent on an aromatic ring.

They possess hypoglycemic activity and are thus indicated for use in the treatment of diabetes.